

IN THE ABSTRACT:

Please cancel the current abstract and insert the following.

~~An electron optical system of this invention includes, e.g., an upper electrode having a plurality of apertures, a plurality of middle electrodes having a plurality of aligned apertures, a lower electrode having a plurality of apertures, and a shield interposed between adjacent middle electrodes.~~

-- An electron optical system has a plurality of electron lenses. The system includes a first electron optical system array having electrodes with a plurality of rectangular apertures, and a second electron optical system array having electrodes with a plurality of rectangular apertures. The first and second electron optical system arrays are arranged along an optical axis in which a long side of each aperture of the first electron optical system array is perpendicular to a long side of each aperture of the second electron optical system array. --